



Security Council

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Letter dated 2 November 2010 from the Permanent Representative of the Democratic People's Republic of Korea to the United Nations addressed to the President of the Security Council

I have the honour to transmit herewith Open Announcement No. 1 issued on 2 November 2010 by the Inspection Group of the National Defence Commission of the Democratic People's Republic of Korea on the truth behind the *Cheonan* incident (see annex).

I should be grateful if you would have the present letter and its annex circulated as a document of the Security Council.

(Signed) **Sin Son Ho**
Ambassador
Permanent Representative

Annex to the letter dated 2 November 2010 from the Permanent Representative of the Democratic People's Republic of Korea to the United Nations addressed to the President of the Security Council

***Cheonan* incident fabricated by the United States and the Lee Myung Bak group of traitors was most hideous conspiratorial farce in the nation's history**

Open Announcement No. 1 issued on 2 November 2010 in Pyongyang by the Inspection Group of the National Defence Commission of the Democratic People's Republic of Korea on the truth behind the *Cheonan* incident

Seven months have passed since the *Cheonan* of the south Korean Navy sank in the West Sea of Korea.

No sooner had the incident occurred than the United States imperialists and the Lee Myung Bak group of traitors deliberately linked it with the Democratic People's Republic of Korea as if they had waited for it to happen, kicking up an unprecedented anti-Democratic People's Republic of Korea confrontation racket.

From the outset, the Democratic People's Republic of Korea dismissed the groundless story about its involvement in the *Cheonan* incident as a sheer fabrication and conspiratorial farce, and declared at home and abroad its will to probe the truth behind the case to the last.

The proposal for a field investigation made by the inspection group of the National Defence Commission of the Democratic People's Republic of Korea was prompted by this will.

Having grown afraid that the inside story of the case may be disclosed, the United States imperialists and the Lee group of traitors hastily announced the "results of the investigation" conducted by a "civilian-army joint investigation team", desperately opposing the field survey by the National Defence Commission inspection group.

As the "investigation results" were criticized for being full of suspicions, they recently made public a "final report", another fabrication, only to be censured and ridiculed by all people.

They have gone so far as to stage joint naval exercises in the form of a "demonstration of armed forces" one after another in the waters close to the Democratic People's Republic of Korea while getting frantic with a racket for applying sanctions against it in the international arena.

It was the original plan of the Democratic People's Republic of Korea side to make public the truth about the incident in the most scientific and legitimate manner after the completion of the field survey by the National Defence Commission inspection group.

The United States imperialists and the group of traitors, however, not only objected to the field survey but went the lengths of turning down even the proposal made by the Democratic People's Republic of Korea out of magnanimity to jointly survey and estimate all material evidence which they claimed they had lifted from the waters where the ship sank after bringing them to Panmunjom.

Under this situation, the Democratic People's Republic of Korea side decided to disclose before the world on the basis of information gathered so far what a sheer fabrication and conspiratorial farce they orchestrated. The following is the first instalment of the statement:

1. Aluminium alloy fragments prove that the torpedo was not from the north.

The United States imperialists and the "investigation team" of the Lee group of traitors claimed that the fragments of torpedo allegedly lifted from the waters off Paengnyong Islet where the *Cheonan* sank were those of aluminium alloy.

They made public that the aluminium alloy was material evidence proving that the "torpedo was from the north" and that the "north attacked the ship".

The army and people of the Democratic People's Republic of Korea have silently watched how the United States imperialists and the group of traitors would explain the issue of these torpedo fragments as they pretended to be well informed of the Democratic People's Republic of Korea. The army and people of the Democratic People's Republic of Korea have exercised patience with an intention to verify them on the spot and make public what they had in mind.

As it has become impossible to verify them on the spot, they now disclose the truth about the incident.

The Navy of the Korean People's Army has torpedoes as the naval forces of other countries do, and we do not hide the fact that it possesses torpedoes with such a tremendous striking power that the world can hardly imagine.

They are *Juche*-based torpedoes made of steel alloy material manufactured by the workers of the Democratic People's Republic of Korea, not aluminium alloy like those made in other countries.

It was our original intention to hand a steel alloy sample of a torpedo of the Navy of the Korean People's Army to the United States imperialists and the group of traitors so that they could compare it with aluminium alloy. It was aimed at inducing them to admit that the "attack on the *Cheonan* by the north's torpedo" was a sheer fabrication and conspiratorial farce.

The Democratic People's Republic of Korea is still willing to directly hand the steel alloy sample of *Juche*-based torpedo to the United States imperialists and the group of traitors.

The United States imperialists and the group of traitors have so far claimed that the aluminium alloy fragments were "those of the north's torpedo", and this is as good as denying the "story" themselves.

Here we would like to lay bare more glaringly the hypocrisy and the inside story about the anti-Democratic People's Republic of Korea conspiratorial scenarios, including several "investigation reports" which the United States and the south Korean puppets announced as regards the *Cheonan* incident.

2. Propelling body is a sheer fabrication.

The propelling body is one of the decisive pieces of evidence produced by the United States and the Lee Myung Bak group of traitors to prove the story that the "north was involved" in the *Cheonan* incident.

The origin of this propelling body is full of doubts.

It is nonsensical for them to claim that a civilian fishing boat appeared all of a sudden and netted the propelling body which dozens of naval vessels equipped with sophisticated detecting devices had failed to find in at least 50 days. The propelling body which was shown on television was different from the one the "investigation team" made public later.

The propelling body, which was lifted by the fishing boat at that time, was reported to have been pasted with silver paper, but there was no such thing on the 1.5 metre long propelling body presented by the puppet groups "investigation team" on 20 May.

This is not the only thing that aroused suspicion.

At the outset, the "investigation team" said that HMX, RDX and TNT explosive ingredients were detected from the hull of the *Cheonan*.

But there rose an opinion that no minute explosive ingredient was detected from the propelling body which they claimed had been used for sinking the vessel. It does not stand to reason that no gunpowder ingredient was detected from the torpedo which is to be exploded by gunpowder, i.e., from the propelling body of the torpedo which they claimed had been used for breaking the 1,400 ton class *Cheonan* into two.

Driven to a tight corner, the United States and the south Korean puppets excused themselves, saying that they could not detect the explosive ingredient as it was dissolved in seawater because the propelling body remained in the salty seawater for long. But this excuse can cut no ice as they had already made public that gunpowder ingredient was detected from the vessel's hull which remained on the bottom of the same waters for the same length of time.

3. Torpedo design, a mockery of the world.

A greater irony is that it was disclosed that the torpedo design shown by the group of traitors in a bid to convince the public that the torpedo propelling body was "from the north" was full of suspicions.

When making public the "joint investigation results", the puppet group shamelessly displayed at the venue of the news conference a CHT-02D torpedo design it claimed had been drawn by the north so as to make plausible its assertion that the propelling body of the torpedo which had attacked the vessel was "made by the north". It insisted it was certain that the propelling body was made by the north as "Guaranteed by the Democratic People's Republic of Korea" was written on the literature of the torpedo design.

However, the words written on the design were confirmed to be Japanese in fact, and it was brought to light that the torpedo motor on the design was a rectangular one, and the motor of the propelling body produced at the venue of the news conference was of a streamlined shape.

When their clumsy plot proved to be false, they could not but admit that they had given the explanation with the help of a different torpedo design so as to confirm the story of the "propelling body from the north".

The falsity of the design is proved by the following facts: the puppet group claimed in its "report on the results of the joint investigation" that it was a "design contained in north Korea's torpedo literature distributed for export", and it was "provided with the image of the CHT-02D torpedo by the information analysing section". The part just under it referred to the "process of printing the north's words in computer by printer", hinting that it was a computer file. This fact alone proves that whether the design is a printed matter or an image or a computer file remains uncertain.

It had already been disclosed that the puppet group replaced the torpedo design by a new one in secrecy several times in a bid to convince the public at any cost that the propelling body was "from the north".

This goes to prove that the propelling body produced by the United States and the south Korean puppet group as strong evidence of a "torpedo attack by the north" was nothing but a sheer fabrication making a mockery of the world.

4. Writing style of "No. 1", a vivid manifestation of ignorance.

The United States and the south Korean puppets cited the writing style of "No. 1" written on the propelling body as decisive evidence.

The munitions industry of the Democratic People's Republic of Korea does not use pen when writing any necessary figures on any parts or equipment but carves them, and in this case they use the Korean word *Ho*, not *Pon* (number). In a word, "No. 1" is not a conventional writing style used in the Democratic People's Republic of Korea.

Moreover, had the vessel been sunk by a torpedo attack, not only the head of the torpedo, which caused the explosion, but also its propelling body would have been seriously destroyed due to the high temperature and pressure which occurred during the explosion. Therefore, it is nonsensical that "No. 1" remains vivid as if it had just been written on the propelling body.

When one has a look at the back part of the propelling body and the rudder of the torpedo presented by the puppet "investigation team", one can judge that their surfaces are heavily corroded.

A torpedo is painted to prevent it from being corroded before its use. The paint is burned up due to high heat during its explosion and its remains are corroded in the seawater.

Then there arises a question as to at what temperature the paint on the torpedo is burned.

It is a view of the relevant scientists that generally the boiling point of the paint of silicon and ceramic varieties, which can stand the highest temperature, is 760° C and the boiling point of ordinary oil paint is 350° C-500° C.

Supposing that 250 kg of explosives were used to attack the vessel as claimed by the puppet "investigation team", the temperature of the back part of the propelling body of the torpedo should be at least 325° C and at most over 1,000° C right after its explosion, in view of the amount of energy to be generated at that moment.

When taking into consideration the fact that the outer rudder at the edge of the back part of the torpedo remained corroded, its inside might have been heated above the said temperature, and the temperature inside the back part of the propelling body on which "No. 1" was written might have been as high as 325° C-1,000° C.

But "No. 1" was written by something like felt-tip pen, not by paint.

The ink usually used for felt-tip pens worldwide is made up of xylene, toluene and alcohol. The boiling points of these ingredients are known to be 138.5° C for xylene, 110.6° C for toluene and 78.4° C for alcohol. So, the ink used on the back part of the propelling body might have been burned up at the temperature of 300° C.

If the outer paint is burned up, the characters "No. 1" written with felt-tip pen should be burned up, and if the characters are left, the outer paint should also remain. This is a science.

However, the outer paint that stands high temperature was burned up, but the inner ink that burns up even in low temperature remains intact. With no rhetoric, can the puppet group justify this inconsistency?

It is quite natural that many people said it was hardly understandable in the light of common sense why there were no similar characters on the other parts of the propelling body of the torpedo, if this was written by the north for the purpose of assembling the torpedo.

The characters "No. 1" only betrayed the lack of scientific knowledge and ignorance of plot-breeders, far from proving that the torpedo was made by the north.

A maritime expert conducted a personal experiment on the spot, and scientifically proved the fact that the surface of the part on which the characters were written was clearer than other parts as it was grinded by abrasive paper for writing new characters and the propelling body had never been in the seawater after "No. 1" was written on it.

University professors of the United States and Canada made a precision analysis of the ink used for writing the characters "No. 1" and officially confirmed that it is identical with what is used in south Korea, driving the tricksters into an inescapable tight corner.

Everywhere in south Korea, one can still hear such boos and jeers as that "buses bearing blue 'No. 1' and running in the streets are the ones from the north for intruding into the south", "players in uniform with a blue 'No. 1' on the playgrounds are players from the north" and "a nephew who has the same writing style as that used for writing the characters 'No. 1' is also a spy from the north". This clearly proves how ridiculous the evidence proving "No. 1" is.

5. "Story about a column of water", a false statement made under coercion.

Right after the occurrence of the vessel incident, experts expressed their respective assertions and views on the cause of the incident, saying that "it was stranded", "it was destroyed for its natural age", "it was sunk by a mine explosion", "it was sunk by the explosion of its ammunition chamber", etc.

But the United States and the south Korean puppets floated the "story about a column of water" in a bid to brush aside the above-said assertions and convince the public at any cost that the "vessel was sunk by the north's torpedo attack".

If the vessel was sunk by a torpedo attack, there would naturally be a column of water. Therefore, the "story about a column of water" drew the attention of the public, keen to clarify the cause of the incident.

But the results of the analysis of the testimonies made by the crew of the vessel and the soldiers who were on duty in the waters near the vessel right after the incident proved that there was no one who witnessed the column of water. Then, all of a sudden, it was reported that a watchman on Paengnyong Islet said he had witnessed a column of water. He was reported to have said that, at the sound of a bang, he had looked at the waters at 270 degrees of declination about 4 km away from his position, and then saw a white light that flashed and disappeared.

But when the location where he claimed he had seen the column of water was compared with the position where he was standing on duty, it is evident that it was a place quite different from the scene of the incident; worse still, what he had witnessed was nothing but a "white light flash".

No one out of the 58 survivors of the incident said he had witnessed a column of water, light flash and flame that would happen at the time when a vessel is attacked by a torpedo. The results of the examination of the dead by X-ray and other means showed that there was no trace of wounds caused by splinters or burns, except bone fracture, lacerated wounds, etc.

That fact generally suggested that there was a small possibility that they died due to external injuries and suffocation, but they drowned in the waters.

To support the "story of a column of water", the puppet "investigation team" emphasized that there were drops of water on the face of a port watcher and there was much seawater on the vessel, but this only has become a target of ridicule.

A soldier who survived the incident had this to say: "At that time I was on duty watching the starboard of the vessel. I did not notice anything in particular like a column of water when I looked around." This statement flatly refuted the "story of a column of water" spread by the puppet group.

This fact proves that the above-said "story of a column of water" was deliberately fabricated by the upper echelon of the puppet military to convince the public that the vessel was sunk by the "north's torpedo attack".

6. "Course of channel style infiltration", an assertion of the blind.

The United States and the south Korean puppet group invented the story about "the course of channel style infiltration" by the north's submarine into the said waters in a bid to prove that the *Cheonan* was sunk by a torpedo attack of the Democratic People's Republic of Korea.

Right after the occurrence of the incident, the United States and the south Korean puppet military authorities asserted that there was no mysterious movement of the Korean People's Army before and after the incident.

Later they published what they called "investigation results", in which they claimed some mini-submarines and certain supporting vessel of the Korean People's Army Navy were confirmed to have left a certain base in the West Sea of Korea two to three days before the incident and returned two to three days later.

What matters is that there is neither a single mini-sub in that base touted by the puppet group nor any shadow of something similar to it.

The puppet group insisted that a submarine sailed towards the international waters in the west after loading a torpedo at the said base, and veered to the south before sailing to the east to infiltrate in channel style close to the waters off Paengnyong Islet.

There should be a limit to cooking up a lie.

When the public demanded correct materials proving the story, the puppet group categorically objected to it at the outset, claiming that it could not confirm it for fear of exposing the level of army intelligence-gathering with regard to the information on the movement of the Democratic People's Republic of Korea submarine. But, unable to turn down the public demand any longer, it uttered it could not show the image as its quality was poor because of bad weather.

In other words, the puppet group admitted itself that it failed to monitor any movement due to poor quality of image.

The puppet group had boasted that it discerns submarines on the basis of the observation data obtained by the south Korea-United States joint intelligence gathering machinery, and that the credibility of the round-the-clock observation of the related area by the United States cutting-edge intelligence satellite is very high as it is based on the precision image data with a resolution of less than one metre. It is sheer abstraction for the puppet group to talk about "the course of channel style infiltration", while asserting that it could not produce correct observation results because of "poor image quality" one or two days before and after the outbreak of the incident.

The observation was not affected by weather for some days before and after the occurrence of the incident. Its assertion about impossible observation only goes to prove that its story about the infiltration of the Democratic People's Republic of Korea submarine was no more than a farce of its own making to bury it in a "black box".

7. Aluminium adsorbent scientifically rejected.

The United States and the south Korean puppet group even presented the analysis of an adsorbent which they said was found on the hull and torpedo parts as scientific evidence, proving the vessel's sinking by torpedo explosion. They asserted that as the large quantity of white powder found on the torpedo propelling body was of the same component as those found on several places of the hull, it could be concluded that the vessel was sunk by a torpedo attack.

A precision analysis conducted by prestigious physicists of several countries, including the Democratic People's Republic of Korea categorically dismissed this assertion.

The puppet "investigation team" claimed that the aluminium used for making a torpedo turns into non-crystalline aluminium oxide when it explodes and cools, and that non-crystalline aluminium oxide is detected as aluminium in energy spectroscopy and not as aluminium in X-ray diffraction analysis.

Physicists of several countries including the United States and Canada refuted the above-said claim, saying that it is impossible that aluminium turns into non-crystalline aluminium oxide 100 per cent after undergoing explosion and cooling and explained that the probability of all aluminium turning into oxide is close to 0 per cent and the probability of all oxidized aluminium turning into non-crystalline is also close to 0 per cent. They gave a particular explanation proving that the adsorbent found on the hull and torpedo propelling body asserted by the puppet "investigation team" are hardly produced at high temperatures like at the time of explosion, unlike non-crystalline aluminium oxide, a product of explosion, as they are formed in normal and low temperatures. To scientifically prove this, those physicists analysed and verified the adsorbent by various means such as X-ray diffraction, energy spectroscopy, infrared ray spectroscopy, laser spectroscopy and even with the help of an electronic microscope. They even conducted a direct experiment on it and proposed an open experiment to the puppet "investigation team".

Physicists of the Democratic People's Republic of Korea shared the view with those physicists.

The puppet group, which could not respond to the proposal, let loose such poor excuses that only oxidized, non-crystalline aluminium, not oxidized crystalline aluminium, was detected in the initial examination because it was present in a minimum amount, only to deny the scientific data and assertion made by themselves.

The mock explosion of the hull and torpedo and the analysis of the resultant adsorbent, which the puppet group had so far claimed to be the most scientific of the investigation results, only proved that they tried to justify the investigation results in a far-fetched manner, unaware of even the scientific truth that aluminium does not turn into non-crystalline oxide 100 per cent through explosion.

8. Port screw and fluorescent lamps in good shape.

The puppet group staged such a farce as inviting people from all walks of life to look around the vessel in the puppet Navy's 2nd Fleet base, in a bid to link the incident with the Democratic People's Republic of Korea. But this added to its worry.

Those who looked around the lifted vessel cast more doubts on the case instead of understanding the explanation given by the puppet group. This is because there took place a non-contact underwater explosion on the port of the vessel, but the port screw remained in good shape and the starboard screw was seriously deformed, and fluorescent lamps in the part of the hull broken into two pieces were as they had been.

The witnesses ridiculed that they have never seen a torpedo with such a super-precision striking power capable of breaking only a vessel into two pieces while leaving fluorescent lamps very close to the part where the explosion took place as they are, asserting that these fluorescent lamps should be licensed as "magic fluorescent lamps" and "bullet-proof fluorescent lamps" that could withstand a torpedo explosion.

As a matter of fact, the deformation of the screw provides core testimony to the fact that the *Cheonan* was sunk without external factors. What is most important is to clear the basic doubts, but the puppet group gave no explanation to this matter.

When arguments gained in scope and strength, the puppet Ministry of Defence ambiguously spoke about the results of the analysis of the screw deformation and let loose a spate of sophism that there is no reason to assert that glass fluorescent lamps should be broken when the hull was broken in two, claiming that the fluorescent lamps of the naval vessels were made to stand any shock.

The above-said port screw and fluorescent lamps provided decisive evidence refuting the assertion by the United States and the puppet group that the vessel was sunk by a "torpedo attack of the north".

9. Evidence proving the vessel's stranding.

The biggest controversy this time was whether the warship was sunk by a torpedo attack or due to stranding.

The puppet group opened to the media the bow and stern of the vessel, to which they had been barred from getting access, to convince them that the vessel was sunk by a torpedo attack.

As regards this issue, experts asserted that all the information about the *Cheonan* incident clearly proved that it had been stranded, adding that the "joint investigation team" committed a serious mistake when analysing the cause of the incident.

First of all, the waters where the bow of the warship was found are the waters between Paengnyong Islet and Taechong Islet, which abound in rocks.

The torn part outside the port security guard of the stern, the bending of the left side of the security guard and the serious scratching on the framework of the hull and the security guard can be usually found when the hull is hit by a rock or sand ground.

If there were damage done by a torpedo attack, the vessel would have neither been partly torn off nor got rusty.

The experts who asserted that the vessel had been stranded contend that if the vessel had been sunk by the pressure of a non-contact underwater explosion, which would cause contraction and swelling, the security guard would have been broken or blown up. They termed this a reasonable suspicion as regards the fact that the security guard was in perfect shape although the right propeller of the stern became bent.

The puppet group labelled such reasonable suspicion as a "strange story" and "enemy-benefiting act" to cope with the reasonable assertion through a poor colour theory. However, it could not hide the truth.

Had the torpedo exploded near the *Cheonan* as claimed by the "investigation team", a lot of fragments must have been embedded in the vessel body. But there was no fragment on the vessel, there was no one among the vessel's crew who got his eardrum ruptured and joints hurt, and no dead fish could be seen on the surface of the water. The results of the analysis of the thermal observation device (TOD) image made public by the puppet Ministry of Defence and the coordinates presented

by the "investigation team", and the coordinates of the automated tactical command system of the puppet Navy, showed that the *Cheonan* continued to sail north-west even after the time it had sunk, time confirmed by the "investigation team". That the vessel continued to sail against the current even after it had been broken in two by a torpedo attack denies the story that the vessel was sunk by a torpedo attack. Survivors testified to the fact that they had felt the vessel hit something with the sounds of "bang" and "boom" before rising and smelled burning oil. This fact went to prove the vessel's stranding.

It is by no means accidental that experts had home and abroad assert that a comprehensive analysis of the propelling power unit of the torpedo which was claimed to have been lifted from the waters where the vessel sank, the deformation of the hull, the content of the testimonies made by those related to the case, the conditions of the wounded and the autopsy of the dead, an analysis of seismic wave and air sound wave, the simulated underwater explosion, an analysis of the tide near Paengnyong Islet, an analysis of explosive ingredients, the retrieved torpedo parts, etc. can prove that there was no short-distance non-contact underwater explosion, that the propelling body had nothing to do with the destruction of the *Cheonan*, and that there is no evidence proving that the torpedo was from "the north".

10. Video file disappeared before being made public.

The "investigation results" announced by the puppet group said that a CHT-02D torpedo with an explosive power of 250 kg of TNT went off three metres portside from the gas turbine room of the vessel and in waters 6 to 9 metres deep, giving off "shock waves and a non-contact underwater explosion effect" that resulted finally in breaking the vessel in two.

The "shock waves" that caused the most serious direct damage to the vessel gave a shock to the hull at a speed of 8,000 metres per second.

Had the torpedo produced such powerful shock waves approximately 3 metres off the hull as announced by the puppet group, 1.1 seconds would have been enough to completely cut off the vessel.

An animation file showing a mock "non-contact underwater explosion" of a heavy torpedo, conducted by the puppet Institute for Defence Studies in 2004, proved that a Paeksango torpedo with an explosive power equivalent to that of 185 kg of TNT completely split the hull into two pieces in less than one second after its explosion. In more than 10 seconds after the explosion a water column scores of metres high disappeared and the bow was observed scores of metres away from the stern. Thirty seconds after the explosion it was hardly possible to find any trace of the hull on the water surface.

This suffices to prove that the *Cheonan* must have completely sunk or its bow separated from its stern after about 30 seconds if it had been hit by a CHT-02D torpedo with an explosive power of 250 kg of TNT, much stronger than that of a Paeksango torpedo.

The puppet Ministry of Defence, which had refused to disclose the navigation diary and sonar details, was compelled to make public a TOD video file showing the waters where the vessel had sunk; only the scenes showing the explosion of the vessel and the split of the hull were missing.

Then where has the video file gone showing the full at the moment of the split, which can serve as decisive evidence proving the cause of the vessel's sinking?

Right after the incident, the puppet Ministry of Defence presented to the public the scenes showing the *Cheonan* in its normal operation before the explosion, its bow and stern that were split after explosion and the sinking of the bow. It insisted that the TOD record of the most crucial moment showing the split of the bow and stern was not available. However, it could not but disclose an additional video file two times in the face of public criticism. This only aroused greater suspicion.

This TOD video file dealt with what happened between 32 seconds and 40 seconds after the alleged explosion of the vessel.

This video file lasting eight seconds showed the funnel of the vessel as a black spot and its starboard side tilted towards Paengnyong Islet with the bow and stern not completely split.

The scientific experiment made by the puppet group and common sense suggest that, had the vessel been sunk by a torpedo, nothing should have been shown above the surface of the water 32 seconds after the explosion.

Much upset by this, the puppet Ministry of Defence made poor excuses, saying that "scenes are blurred as the TOD focus was set at the low triple magnification" and that "it is hard to discern the split vessel's body though it was broken into two pieces because resolution was low".

At the very outset it concealed this file, talking about military secret, and corrected its assertions three times. But the results proved that the vessel was not sunk by a torpedo attack. It is clear why this video file had been missing.

11. Unreasonable measurement of the corrosion period.

The falsity of the "investigation results" presented by the United States and the south Korean puppet group can be seen through their measurement of the corrosion period of the propelling body of the torpedo.

At the time when the puppet group announced the "midterm investigation results", they said that they could not measure the correct corrosion period as a great deflection between the quality and corrosion later of the metal of the propelling body was observed in the course of measuring them, adding that members of the "investigation team" estimated with naked eyes that it was similar to the state of one to two months' corrosion.

What matters is why the corrosion period of metal could only be measured with naked eyes.

There is a need to investigate the experiment results announced by a marine expert of south Korea.

He put heated aluminium, stainless steel and iron pieces in the waters with a salinity and tide similar to those of the waters where the vessel had been sunk, before taking them out in order to scientifically clarify the state of corrosion of the vessel.

The results showed that they were not as heavily rusted as the propelling body and, particularly, white adsorbent was found in some parts of the aluminium piece

but some heated parts appeared to be dark. This stood in sharp contrast to the adsorbent found on the propeller of the propelling body which had been made public by the puppet "investigation team".

The same can be said of the iron piece. It was rusted dark, but when it was placed in the air after the dark rust was rubbed off, it turned yellow. This can be compared to the shaft of the propelling body which was rusted red; in other words, the propelling body was rusted more heavily.

Some parts of the stainless steel piece were observed to be dark, but no corrosion was found.

The expert noted that the propelling body presented by the "joint investigation team" to prove a torpedo attack by the north gathered a preposterously great amount of rust, adding that it must have been underwater for a least four to five years and then put in the air for a considerably long time.

The results of an investigation made by a Russian team said that one could judge from the scientific analysis and comparison between the rust formed on the vessel's hull and the rust formed on the propelling body with "No. 1" that the propelling body was under seawater for more than six months, adding that one can draw the conclusion that they have nothing in common.

Contained in the appendix to the "final report" made public by the puppet "investigation team" were EDS data proving that the adsorbent collected from the torpedo was not aluminium oxide caused by explosion, but aluminium hydroxide, rust caused by corrosion.

Foreign experts said that the data of energy dust ores, which formed when adsorbent was treated at 200° C, were contained in the "final report", even though they were not presented at the time of publication of the midterm investigation, noting in unison that as the results of the adsorbent experiment are identical to those of the heat treatment of aluminium hydroxide, it is contrary to the conclusion of the "final report" that adsorbent was produced by an explosion.

They even expressed their understanding that it can be interpreted that some scholars of conscience left such data in the "final report" full of deception and falsity.

In the final analysis, the puppet group revealed by themselves the unscientific and slack way the investigation was made through such a simple estimation as "examination with naked eyes", not a scientific and technological examination, and fully showed that the "story of the north's involvement" in the *Cheonan* incident was a sheer fabrication.

12. Simulated warship sinking invites derision.

The puppet group reportedly staged a simulated warship sinking allegedly to prove the warship sinking by torpedo explosion, with an aim to link the *Cheonan* incident with the Democratic People's Republic of Korea.

The simulation overturned the investigation results the puppet group has so far announced.

From the outset, it declared that the explosive power of the torpedo was equivalent to that of 250 kg of TNT of the Democratic People's Republic of Korea heavy torpedo CHT-02D and, on this basis, presented investigation results.

The specification of the "No. 1 torpedo" made public by it defined the amount of powder as 250 kg. What matters is that the explosive power of such an amount of powder is not enough to sink the *Cheonan*.

In general, high-efficiency powder stronger than TNT is used in torpedoes.

Torpedo experts consider that torpedo explosive powder is 1.4 to 2 times stronger than ordinary TNT. This indicates that the explosive power of the "No. 1 torpedo" is as much as that of 350 to 500 kg of TNT.

The puppet group belatedly admitted the fact that the powder of the torpedo was not simply made up of TNT. And in order to correct its mistake, it increased the explosive power of the torpedo to that of 360 kg of TNT and staged another simulated underwater explosion. That was necessary to represent a likeness of the real damage caused by an explosion to the engine room and hull floor of the vessel.

The results of the simulation negated what happened at the time of the sinking of the vessel.

Negation of the explosion as powerful as that of 140 to 260 kg of TNT which was registered by the then seismic and air sound waves precisely means negation of the generation of shock and heat, the height of the column of water, the wounds suffered by the crew, the possibility of the existence of the characters "No. 1", the hull and inner powder chamber and all other places of the sunken vessel that remained undamaged by explosion-caused shock waves as well as all other points of contention based on explosive power produced by the puppets.

As regards the simulation, a member of the "investigation team" confessed that "they could not but work hard for about two months to modify and rectify a model". This indicates that the simulation was carried out for the purpose of a frame-up.

After all, the puppets' desperate efforts to fabricate the story about the *Cheonan* sinking by the Democratic People's Republic of Korea torpedo attack backfired on it.

13. "Final report" reduced to false indictment.

When the "interim report" published by the United States and the south Korean puppet group on 20 May was snubbed and rebuffed by the public inside and outside Korea, they presented the "final report" on 13 September after the lapse of more than 100 days, talking about the removal of all suspicions which had been raised so far.

The "final report", however, touched off stronger suspicion, only to prove that the group of traitors made an empty talk when it promised to clear off the suspicion.

The puppet group just confined itself to such work as recording the course and contents of the investigation and the analysis data, including the investigation activities carried out according to schedule unlike at the time of issuing the primary presentation, which preponderantly analysed the cause of the sinking of the *Cheonan*, and even deleted the part that they could not explain though there arose strong suspicion.

The puppet group again presented the torpedo propelling body, which it claimed had been lifted from the waters where the *Cheonan* sank, as material evidence proving the "story about the attack on the *Cheonan* by the north's torpedo", a story that sparked off the strongest suspicion. But it failed to present the direct evidence proving that the propelling body is "from the north" and, as for the characters "No. 1", "design of torpedo", etc., it only repeated previous assertions.

The south Korean media, deploring who would believe the unsubstantial "final report" full of "indirect evidence", said that it is quite natural that more than 70 per cent of the south Korean people "suspect that the authorities have deliberately distorted the truth to seek the political purpose or evade responsibility" and the remaining people disbelieve or are doubtful about it, as the investigation conducted for many days after inviting so many experts only increased and reproduced the doubtful points as to the cause of the sinking of the vessel, far from presenting perfect evidence.

In fact, people from south Korean political, public, scientific and other circles are holding emergency seminars, expressing their will to probe the truth about the incident to the last.

It is by no means fortuitous that the Russian investigation group, the only group which investigated the case on the spot, said as regards the sinking of the vessel that "it could find no grounds to judge that it was caused by the torpedo attack by the north". The Swedish investigation group which participated in the joint investigation officially held back its opinion that "it was the deed of the mini-submarine of the north" and different countries of the world are demanding the reinvestigation of the incident, expressing doubts at the "investigation results".

The media of Russia, Germany, China, the United States and other countries dismissed the "final report on the *Cheonan*" announced by the south Korean authorities as the worst false document.

Much upset by the shower of criticism and denunciation, the tricksters let loose a spate of groundless outbursts, advising those who were strongly suspicious of the case to "look at a cartoon recording the points of suspicion and contention to get understanding".

Talking about the "limitation of detectability" in the present times in which detection is made down to the level of a nanogram is little short of self-admission that falsity can never prevail over truth. And the substitution of a scientific and technological solution with a cartoon only proves the level of baseness of the artifice employed by the tricksters.

The Lee Myung Bak group of traitors fabricated the *Cheonan* incident while sacrificing a great many soldiers to escalate the confrontation racket. It only glaringly disclosed its heinous nature as the group of traitors unprecedented in the nation's history, the vicious confrontation-minded elements and the despicable sycophantic traitors serving the United States.

The United States egged its stooges on to fabricate the conspiratorial case against the Democratic People's Republic of Korea, self-proving before the world that it is a matchless "producer" in this field and has committed another fraud to serve its strategic interests in the Far Eastern region, the Northeast Asian region.

There is a lot of information proving the falsity of the investigation results about the *Cheonan* incident announced by the United States and the group of traitors.

We will issue the second and third instalments of the statement to prove the truth behind the conspiratorial farce and charade in the face of the frantic racket kicked up by the United States and the group of traitors to escalate confrontation with the Democratic People's Republic of Korea while making a fuss about the *Cheonan* incident.

The United States and the Lee Myung Bak group of traitors will never be able to escape the sledge-hammer blow of the times and history for their hideous frame-up unprecedented in the history of the Korean nation.
